

APPROVED	O. G. FIG.	
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IEEE 1284 data transfer modes

Compatibility Mode ("Centronics" or standard mode)	15
Nibble Mode (4 bit parallel transfer - using status lines)	16
Byte Mode (8 bit parallel transfer - using status lines)	17
EPP Mode (non-printer peripherals)	18
ECP Mode (bi-directional, used by printers, scanners)	19

FIG. 1

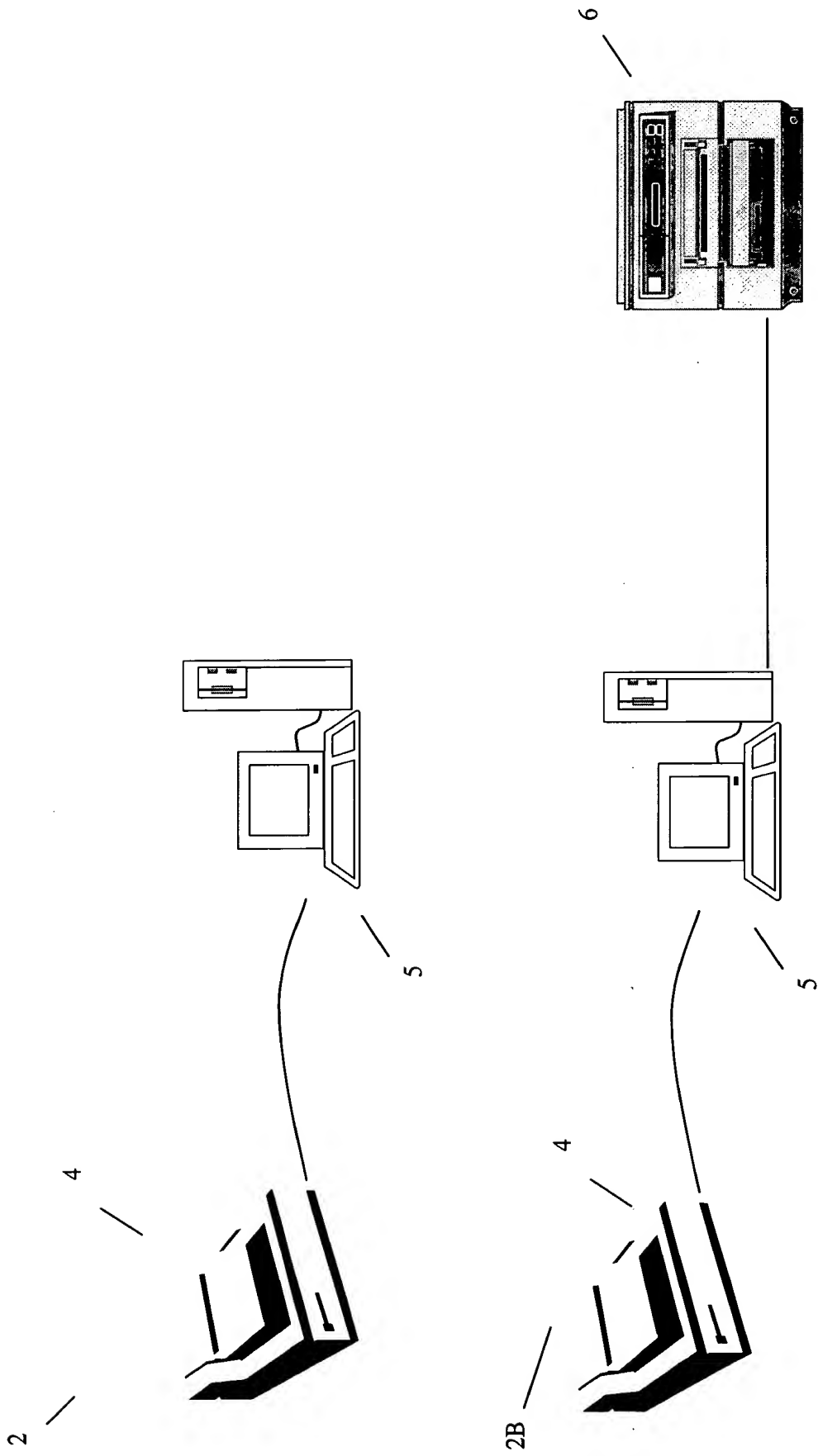


FIG. 2

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FIG. 3 is a schematic diagram of a computer system 12, including a central processing unit 6, a keyboard 7, a monitor 8, a mouse 9, a printer 10, and a scanner 11.

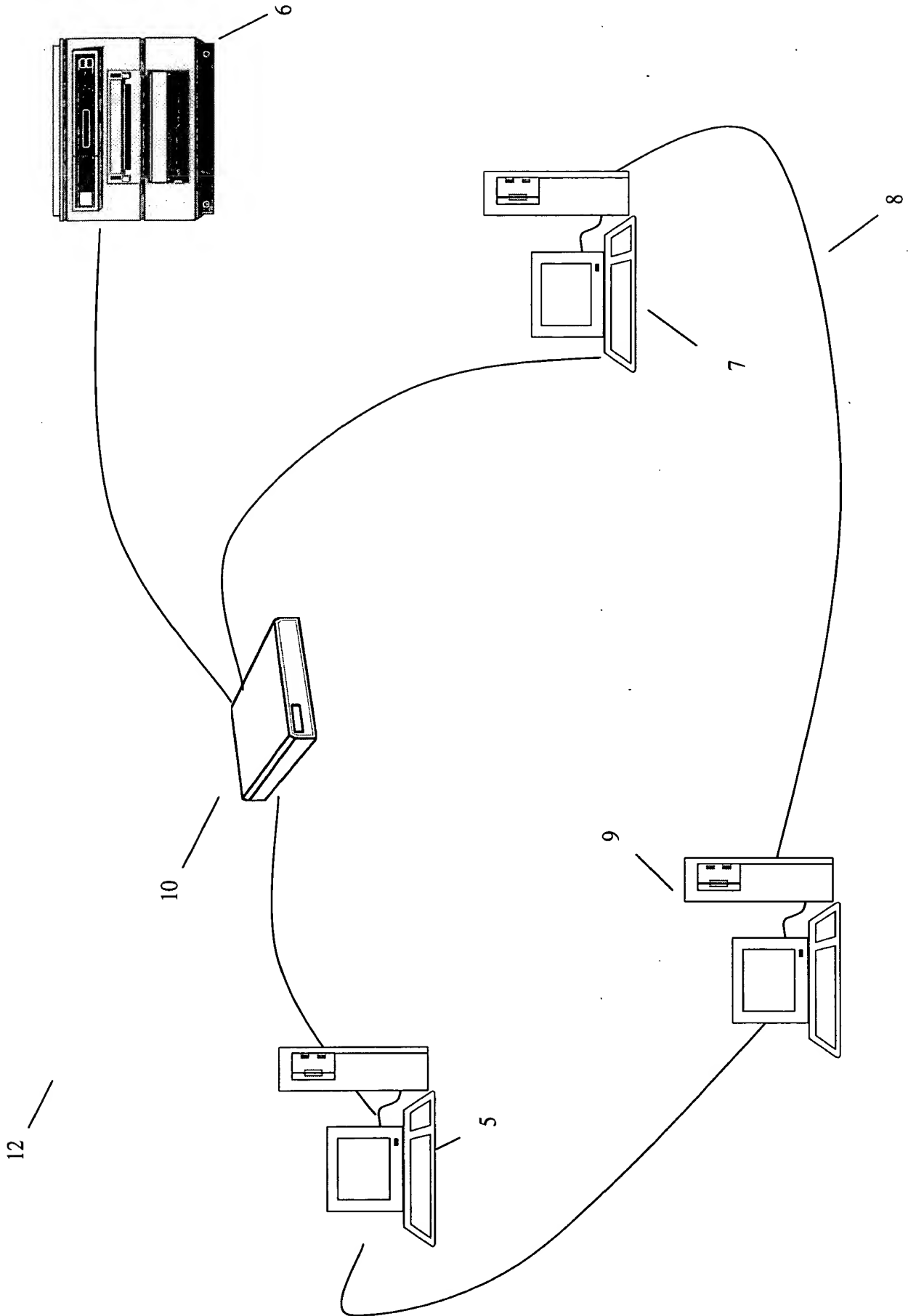


FIG. 3

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U.S. Pat. No. 4,840,000

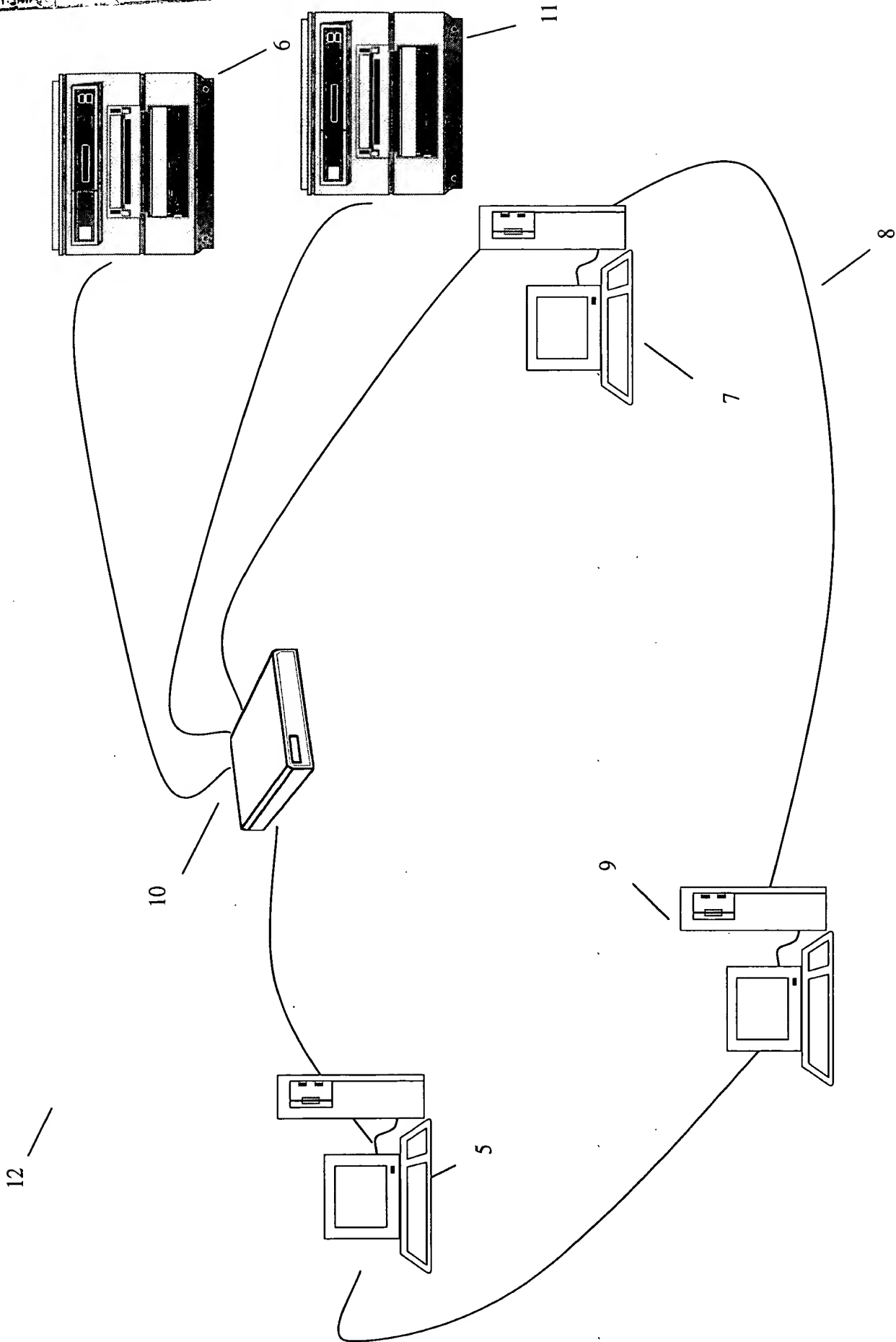


FIG. 4

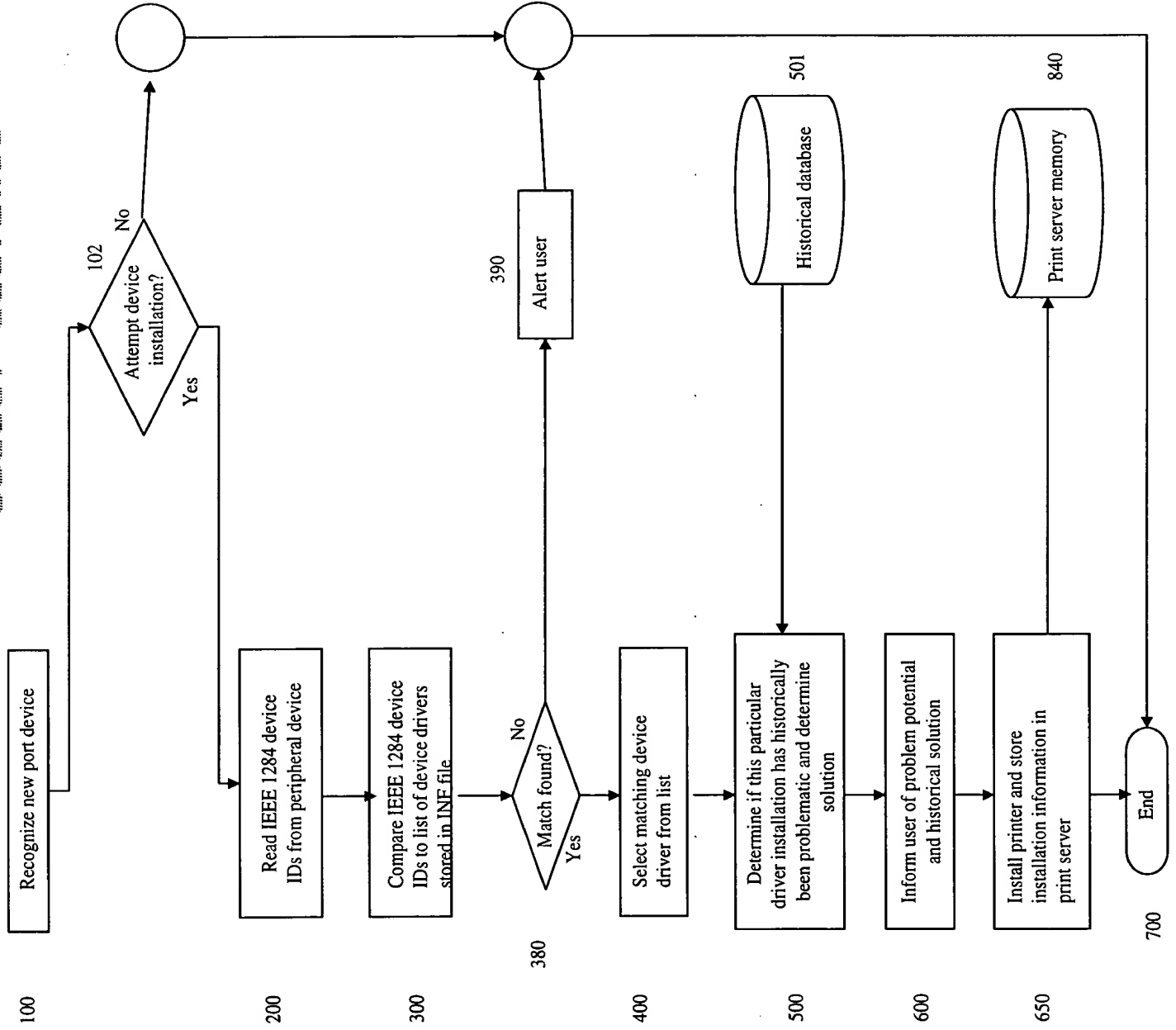


FIG. 5

Translation/Comparison Process

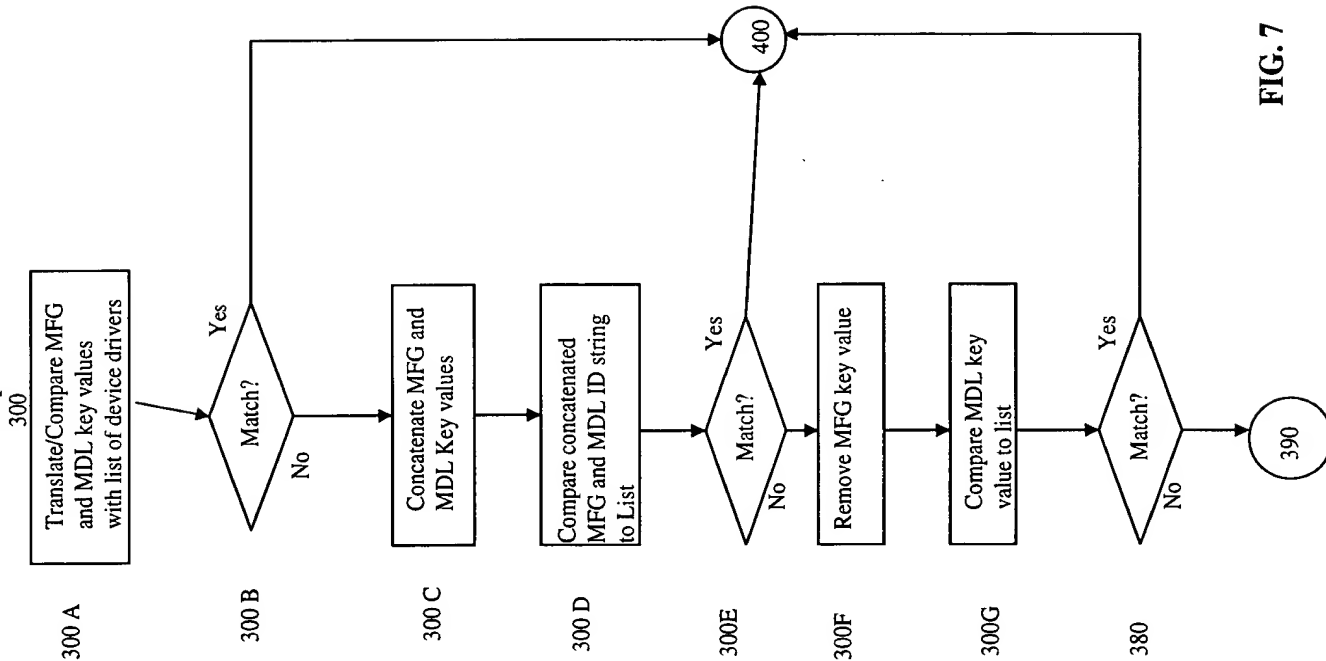


FIG. 7

ID Read Process

200

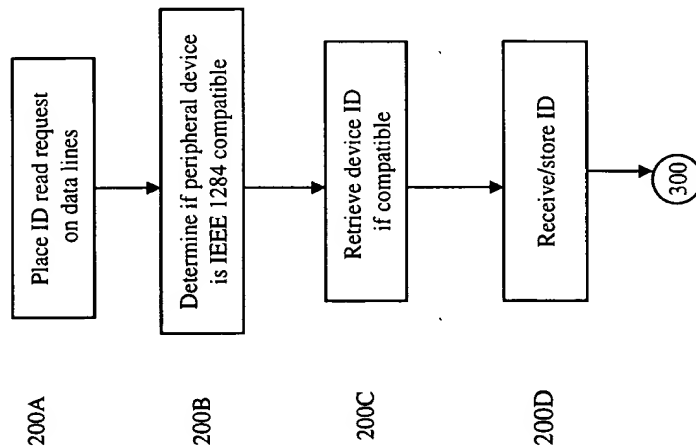


FIG. 6

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Peripheral's INF file contents:

MEG Field: "Printer-maker"
MDL Field: "PM_9876"

Concatenated string:

Printer-makerPM_9876

INF file
(Stored drivers):

Printer-maker PM dot-matrix I
Printer-maker PM dot-matrix II
Printer-maker PM LaserJet 3t
Printer-maker PM Laser Jet 4t
Printer-maker PM_9876

FIG. 8

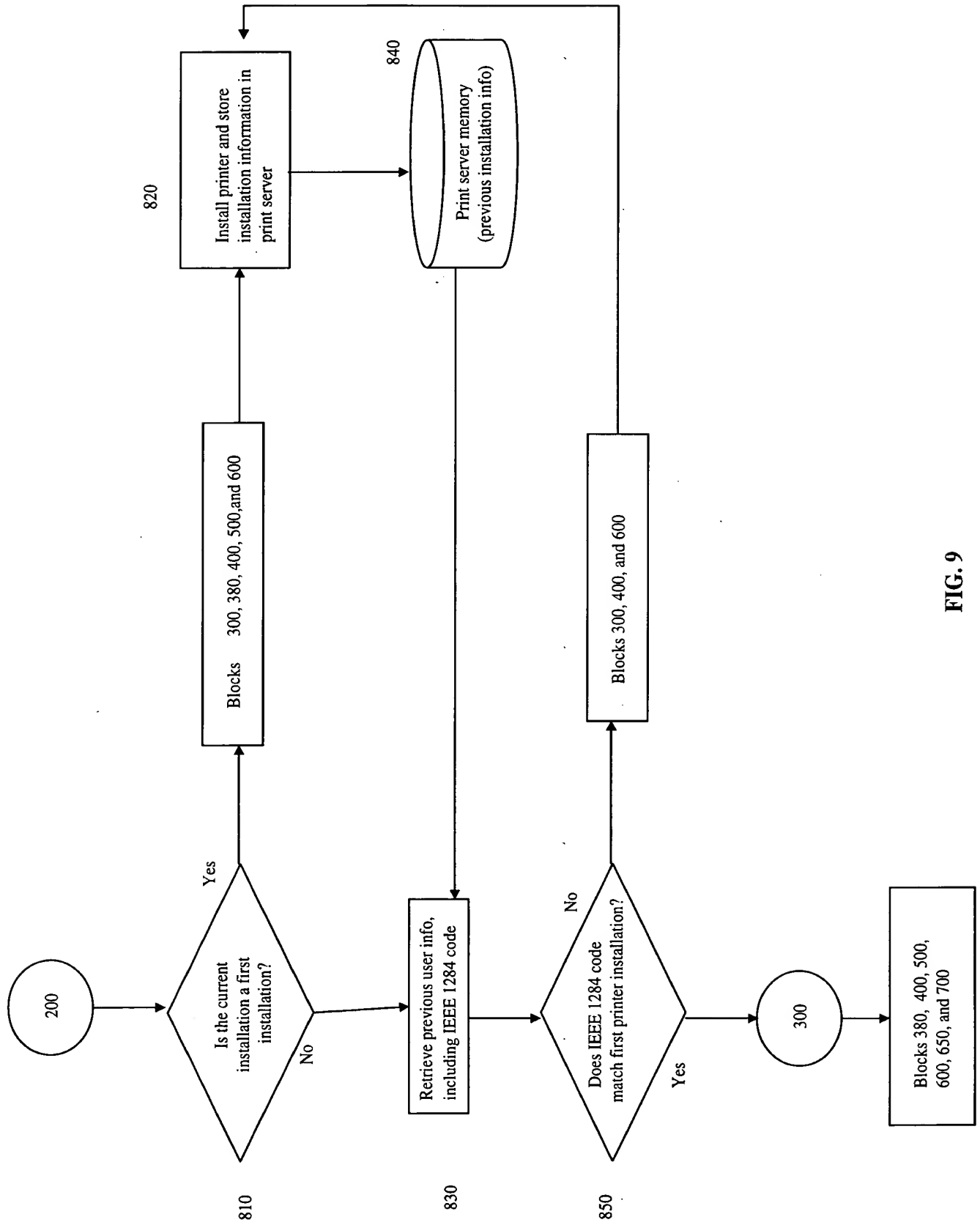


FIG. 9